

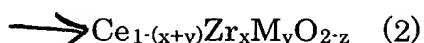
WHAT IS CLAIMED IS:

- ~~1.~~ An exhaust gas purifying catalyst comprising:  
a zirconium complex oxide on which rhodium and platinum are  
5 previously supported, and  
a cerium complex oxide on which platinum and/or palladium are  
previously supported.
2. The exhaust gas purifying catalyst according to Claim 1, wherein the  
zirconium complex oxide comprises zirconium and cerium in the proportion  
10 of a zirconium content being more than a cerium content, and wherein the  
cerium complex oxide comprises cerium and zirconium in the proportion of  
a cerium content being more than a zirconium content.
3. The exhaust gas purifying catalyst according to Claim 2,  
wherein the zirconium complex oxide is the heat-resisting oxide  
15 expressed by the general formula (1) given below:



(In the formula, N represents alkali earth metal or rare earth metal, c  
represents oxygen vacancy, a represents a proportion of atom of 0.10-0.35,  
b represents a proportion of atom of 0-0.20, and 1-(a+b) represents a  
20 proportion of atom of 0.45-0.90), and

wherein the cerium complex oxide is the heat-resisting oxide  
expressed by the general formula (2) given below:



(In the formula, M represents alkali earth metal or rare earth metal,  
z represents oxygen vacancy, x represents a proportion of atom of 0.20-0.70,  
y represents a proportion of atom of 0-0.20, and 1-(x+y) represents a

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proportion of atom of 0.10-0.80).

4. The exhaust gas purifying catalyst according to Claim 3, wherein the alkali earth metal represented by N in the general formula (1) and the alkali earth metal represented by M in the general formula (2) comprises at least one material selected from the group consisting of Mg, Ca, Sr and Ba, and wherein the rare earth metal represented by N in the general formula (1) and the rare earth metal represented by M in the general formula (2) comprises at least one material selected from the group consisting of Y, Sc, La, Pr and Nd.
- 10 5. The exhaust gas purifying catalyst according to Claim 1, which is in the form of a coating layer formed on a catalyst carrier.
6. The exhaust gas purifying catalyst according to Claim 1, wherein a quantity of rhodium supported is less than 1g per liter of catalyst carrier.
- 15 7. The exhaust gas purifying catalyst according to Claim 1, which further comprises alumina on which platinum and/or palladium may be supported.
8. The exhaust gas purifying catalyst according to Claim 1, wherein at least a part of the zirconium complex oxide and/or the cerium complex oxide is a solid solution.
- 20 9. The exhaust gas purifying catalyst according to Claim 1, wherein the platinum to be supported on the zirconium complex oxide and on the cerium complex oxide is supported in a proportion that a quantity of the platinum supported on the cerium complex oxide is in the range of 1-5 parts by weight per part by weight of the platinum supported on the zirconium complex oxide.
- 25 10. The exhaust gas purifying catalyst according to Claim 1, which is in

~~the form of an outermost layer of the coating layer having multiple layers  
and formed on the catalyst carrier.~~

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